ABSTRACT JOURNAL.

DIRECTIONS

FOR USING THE

ABSTRACT LOG.

THE different columns for Latitude, Longitude, Course, Distance, Variation, and Current, are filled up in the usual manner. The *direction* of the WIND is marked in number of points from *North* or *South*,—for example, instead of N.E. by N. $\frac{1}{2}$ N. write N. $2\frac{1}{2}$ E., or instead of E. by S. $\frac{1}{2}$ S., S. $6\frac{1}{2}$ E.

The *force* of the WIND should be marked three times in the *twenty-four* hours—that is, once in each of the three eight-hour periods, always using the Beaufort Scale, which is the Standard now recognized.

The WEATHER should also be marked according to the Beaufort Notation.

Tables are subjoined for the WEATHER, and the *force* of the WIND, as indicated by the Notation alluded to; also, a Table of the COMPASS BEARINGS in points, commencing from North or South.

WIND.

0. Calm.
1. Steerage way.
2. Clean full, from 1 to 2 knots.
3. Do. 3 to 4 ,,
4. Do. 5 to 6 ,,
5. With Royals (closehauled.)
6. Top-gallant-sails over single reefs.
7. Two reefs in topsails.
8. Three reefs in topsails.
9. Close-reefed topsails and courses.
10. Close-reefed main-top-sail and reefed foresail.
11. Storm stay sails.
12. Hurricane, from 2 to 9 being supposed close-hauled.

WEATHER.

b. Blue Sky.
c. Clouds (detached.)
d. Drizzling Rain.
f. Foggy.
g. Gloom.
h. Hail.
l. Lightning.
m. Misty (hazy.)
o. Overcast.
p. Passing Showers.
q. Squally.
r. Rain.
s. Snow.
t. Thunder.
u. Ugly (threatening) appearance of weather.
v. Visibility—objects at a distance unusually visible.
w. Wet (dew.)

Note.—A bar (—) or dot (.) under any letter augments its signification:—thus, *f* very foggy, *r* heavy rain, *r* heavy and continuing rain, &c., &c.

TABLE FOR COMPASS BEARINGS.

N.	N.	E.	E.	S.	S.	W.	W.
N. by E.	N. 1 E.	E. by S.	S. 7 E.	S. by W.	S. 1 W.	W. by N.	N. 7 W.
N.N.E.	N. 2 E.	E.S.E.	S. 6 E.	S.S.W.	S. 2 W.	W.N.W.	N. 6 W.
N.E. by N.	N. 3 E.	S.E. by E.	S. 5 E.	S.W. by S.	S. 3 W.	N.W. by W.	N. 5 W.
N.E.	N. 4 E.	S.E.	S. 4 E.	S.W	S. 4 W.	N.W.	N. 4 W.
N.E. by E.	N. 5 E.	S.E. by S.	S. 3 E.	S.W. by W.	S. 5 W.	N.W. by N.	N. 3 W.
E.N.E.	N. 6 E.	S.S.E.	S. 2 E.	W.S.W.	S. 6 W.	N.N.W.	N. 2 W.
E. by N.	N. 7 E.	S. by E.	S. 1 E.	W. by S.	S. 7 W.	N. by W.	N. 1 W.

ABSTRACT OF THE LOG

OF THE

"Ships Reaper" from

CAPTAIN Edwd. Poole

From Cardiff

To San-Francisco

Date, June 21st 1880

PUBLISHED BY

D. M'GREGOR & CO.,

NAUTICAL PUBLISHERS AND STATIONERS,

Chronometer and Nautical Instrument Manufacturers,

CLYDE PLACE, GLASGOW,

AND

32 CATHCART STREET, GREENOCK.

Entered at Stationers' Hall.

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
June	27th			28th			29th			30th			July 1st			2nd			3rd.		
Latitude,	1964 Tons			Noon Sundy Isld			51° 19 N			50° 58 N			49° 56 N			47° 33 N			47° 15 N		
Longitude,	12 Tons Ship			bore S 5/8 10 Miles			5° 17 W			5° 39 W			7° 52 W.			8° 44 W			10° 14 W		
Course,	1952 Cargo						Various			S b W			S. S. W.			S 1 W			S b 1/2 W		
Distance,	16 Ps Jerton									27 Miles			90 Miles			153 Miles			65 Miles		
Variation used,	21 ft 9 in Aft									24° W			24° W. V.			24° W. V			24° W. V		
Current,	21 ft 6 in Fore																				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,				S W	S W	S W	S W	S W	West	S b W	S 4 W	S W	N b W	N 4 W	N b W	N b W	N b W	S W	S W	West	N 4 W
" Force,				5	5	5	5	5	4	3	4	3	3	3	4	4	5	6	6	5	6
Weather,				o	P	P	o	o	o	o	o	o	o	c	b	c	g	c	c	g	b
Barometer,				30.28	30.28	30.28	30.10	30.14	30.08	30.00	29.90	29.82	29.80	29.81	29.82	29.80	29.90	29.94	29.96	30.0	30.0
Temperature—Air,				70°	68	68	64	62	63	63	63	64	63	62°	63	65°	62°	62	62.	62°	62
" Water,																					

REMARKS FOR THE WEEK.

27th. Remainder of Crew came on board. Hove the Anchor up 11 A. M and took Steam & proceeded to tow down Channel Wind W—
28th. 3. 15. P.M. Pilot left the Ship Lundy bore E 9 Miles.

13 days out

DATE, July	SUNDAY, 4th			MONDAY, 5th			TUESDAY, 6th			WEDNESDAY, 7th			THURSDAY, 8th			FRIDAY, 9th			SATURDAY, 10th		
Lat Latitude,	45° 25' N			43° 49' N			40° 25' N			40° 45' N			38° 59' N			38° 15' N			38° 2' N		
Lon Longitude,	12° 21' W			13° 49' W			15° 02' W			16° 24' W			17° 40' W			18° 6' W			18° 57' W		
Cou Course,	S 4½ W			S 3° W			S. 3° W			S. 3° W			S 2½ W			S. 2° W			S 6 W		
Dis Distance,	140 Miles			118 Miles			96 Miles			116 Miles			123 Miles			40 Miles			43 Miles		
Var Variation used,	22° W. V			24° W. V			24° W. V			22° W. V			22° W. V			22° W. V			22° W. V		
Cur Current,																			6 ½ Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Win Wind—Direction,	N4W	N6W	N2E	N3E	N3E	N3E	N3E	N3E	N4E	N2E	North	N4W	N4W	N4E	S6E	S4E	S4E	Calm	Calm	South	S3W
" " Force,	6	4	3	3	3	3	3	3	2	3	3	3	4	3	3	2	1	0	0	1	3
Wea Weather,	c	o	b	b	b	b	c	c	b	c	o	o	o	o	c	c	c	b	b	b	b
Bar Barometer,	30.10	30.20	30.32	30.30	30.30	30.30	30.30	30.30	30.30	30.30	30.29	30.28	30.30	30.24	30.16	30.14	30.12	30.10	30.10	30.10	30.20
Tem Temperature—Air,	64°	68°	75°	70°	66°	68°	68°	67°	69°	68°	68°	69°	70°	72°	75°	74°	74°	78°	78°	78°	78°
" Water,																					

REMARKS FOR THE WEEK.

Birds. Sat. 2 Sept.

20 days out

DATE, July	SUNDAY, 11th			MONDAY, 12th			TUESDAY, 13th			WEDNESDAY, 14th			THURSDAY, 15th			FRIDAY, 16th.			SATURDAY, 17th.		
Latitude,	37° 21 N			36. 31 N			35. 36 N			34. 56 N.			34. 45 N.			33° 57 N			34. 00 N		
Longitude,	18. 15 W			17° 52 W			18° 3 W			17. 37 W.			18. 35 W.			18. 15 W			17. 40 W		
Course,	S 3/4 E.			S. 1/2 E			S 1/2 W			S 2 1/2 E			S 6 3/4 W.			S 2 W.			N 1/4 E		
Distance,	47 Miles			54 Miles			53 Miles			47 Miles			50 Miles			53 Miles			26 Miles		
Variation used,	22° W. W			22° W - V			22° W - V			20° W - V			20° W - V			20° W - V			20° W - V		
Current,																			330 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	S W.	S 2 W.	S 2 W.	S 2 W.	S W.	West	West	N b W	N W.	S W.	S S W.	S W.	S 2 W.	S 4 W.	S 6 W.	S 4 W.	S 4 W.	S 4 W.	S 4 W.	S 4 W.	S 6 W.
„ Force,	3	2	2	1	1	1	1	1	1	1	2	6	6	4	3	3	2	4	1	1	1
Weather,	c	b	b	b	b	b	b	c	b	c	b	c	g	g	c	c	c	g	g	c	b
Barometer,	30.24	30.22	30.20	30.20	30.21	30.22	30.29	30.25	30.20	30.17	30.15	30.20	30 —	30 —	30 —	30.04	30.10	30.16	30.18	30.19	30.20
Temperature—Air,	76°	70°	72°	72°	72°	72°	72°	70°	72°	72°	72°	72°	72°	72°	74°	74°	73°	74°	74°	73°	76°
„ Water,																					

REMARKS FOR THE WEEK.

13th Two Barks in Comp.y

16th Ten Ships & Barks in Comp.y

DATE, July	SUNDAY, 18th			MONDAY, 19th			TUESDAY, 20th			WEDNESDAY, 21st			THURSDAY, 22nd			FRIDAY, 23rd			SATURDAY, 24th		
Latitude,	34° 11' N			33° 36' N			33° 23' N			32° 07' N			30° 20' N			28° 27' N			26° 50' N		
Longitude,	18° 17' W			17° 51' W			17° 16' W			19° 17' W			20° 27' W			21° 32' W			22° 33' W		
Course,	N. b. W			S 3° E			S 1¼ W			S 3¾ W			S 2¼ W			S 2½ W			S 2½ W		
Distance,	33 Miles			40 Miles			14 Miles			103 Miles			120 Miles			125 Miles			115 Miles		
Variation used,	20° W - V			20° W - V			20° W - V			20° W - V			20° W - V			20° W. V			18° W. V		
Current,																			5.50 Mile		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	0	0	W	West	West	West	0	0	N2E	NNE	N4E	N4E	N4E	N4E	N6E	N5W	N5W	N5W	N4E	N4E	N4E
„ Force,	0	0	2	1	1	1	0	0	1	1	3	4	4	4	3	4	4	4	3	3	3
Weather,	b	b	b	b	b	b	b	b	b	b	b	b	b	c	b	b	b	b	b	b	b
Barometer,	30.18	30.16	30.13	30.13	30.14	30.14	30.10	30.20	30.22	30.24	30.24	30.20	30.27	30.26	30.24	30.24	30.25	30.26	30.22	30.18	30.14
Temperature—Air,	76°	76°	84°	84°	84°	84°	84°	82°	86°	86°	86°	88°	86°	84°	86°	84°	84°	86°	86°	84°	86°
„ Water,																					

REMARKS FOR THE WEEK.

19th The South End of the Island of Madeira (at Noon) bore S.E. & about 30 Miles. (4 Vessels in Company) Calm

Painted Ships, Outside Pin.

34 days out

DATE, July	SUNDAY, 25th			MONDAY, 26th			TUESDAY, 27th			WEDNESDAY, 28th			THURSDAY, 29th			FRIDAY, 30th			SATURDAY, 31st		
Latitude,	25° 34' N			23° 46' N			21° 45' N			19° 47' N			17° 23' N			15° 24' N			14° 18' N		
Longitude,	23° 15' W			24° 16' W			25° 37' W			25° 55' W			26° 45' W			26° 43' W			26° 54' W		
Course,	S 2/3 W			S 2/2 W			S 3 W			S 3/4 W			S 1/4 W			South 24			S 1/4 W		
Distance,	88 Miles			120 Miles			133 Miles			130 Miles			151 Miles			141 Miles			90 Miles		
Variation used,	18° W - V			18° W - V			16° W - V			16° W. V			16° W. V			16° W - V			16° W - V		
Current,																			8 1/3 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	S.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	East	Calm	N.W.
„ Force,	3	2	2	3	3	3	3	4	4	4	4	3	4	4	4	4	4	3	1	0	1
Weather,	b	b	b	c	c	b	c	c	c	c	c	c	c	c	c	c	c	b	c	c	c
Barometer,	30.14	30.14	30.14	30.14	30.15	30.16	30.13	30.10	30.00	30.06	30.04	30.02	29.98	29.96	29.84	29.85	29.84	29.82	29.80	29.80	29.80
Temperature—Air,	86°	83°	86°	88°	85°	86°	86°	88°	88°	86°	86°	88°	88°	86°	88°	86°	84°	83°	84°	83°	86°
„ Water,																					

REMARKS FOR THE WEEK. A Brig in Company

Out 41 days.

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
August	1st			2nd			3rd			4th			5th			6th			7th		
Latitude,	13° 36 N			12° 42 N			12° 30 N } DR			10° 47 N			9° 52 N			9° 11 N			8° 57 N		
Longitude,	27° 09 W			27° 42 W			27° 36 W }			26° 38 W			25° 14 W			24° 42 W			24° 54 W		
Course,	S 1¾ W			S 2½ W			S 1¼ E			S 3½ E			S 4 E			S 3½ W			S 4 W		
Distance,	33 Miles			65 Miles			19 Miles			120 Miles			80 Miles			50 Miles			20 Miles		
Variation used,	16° W – V			16° W – V			16° W – V			16° W – V			16° W – V			16° W – V			16° W – V		
Current,																			3 J 5 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	Variable			S 3 E	S 4 W	West	N ¾ W	S 4 W	S 3 W	S W	S 4 W	S 4 W	S 4 W	S 3 W	S 3 W	S 2 W	S 2 W	S 4 W	S 2 W	S W	S W
„ Force,	1	0	1	3	4	2	1	1	2	3	3	3	2	3	2	3	3	2	2	3	2
Weather,	o	c	b	c	q	o	o	q	r	r	c	o	o	c	b	r	q	r	c	c	b
Barometer,	29.84	29.84	29.84	29.86	29.96	29.96	29.97	29.92	29.90	29.88	29.88	29.88	29.88	29.88	29.82	30.00	30 —	30 —	30.01	30.02	30.04
Temperature—Air,	86°	86°	86°	86°	85°	85°	84°	82°	84°	84°	84°	84°	82°	82°	83°	83°	82°	82°	82°	82°	82°
„ Water,																					

REMARKS FOR THE WEEK.

2nd August 14 Vessels in Sight

48 days out

DATE, August	SUNDAY, 8th			MONDAY, 9th			TUESDAY, 10th			WEDNESDAY, 11th			THURSDAY, 12th			FRIDAY, 13th			SATURDAY, 14th		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Latitude,	8° 3' N			8° 14' N			6. 30 N			6° 19' N			5° 24' N			4° 49' N			3° 35' N		
Longitude,	25° 38' W			25° 35' W			24° 55' W			23° 43' W			21° 54' W			22° 54' W			24° 23' W		
Course,	S 35¼ W			S ¾ E			S 2 E			S 6¾ E			S [illegible] E			S 4¾ W			S 4½ W		
Distance,	50 Miles			26 Miles			104 Miles			102 Miles			103 Miles			99 Miles			120 Miles		
Variation used,	16° W. V			16° W. V			16° W. V			16° W. V			16° W. V			16° W. V			16° W. V		
Current,																			602 Miles		
Wind—Direction,	South	South	S SW	S SW	West	West	West	S SW	S 2 W	S 2 W	S 2 W	S 2 W	S 2 W	S 2 W	S SW	S W	S W	S W	S W	South	South
" Force,	2	2	1	1	1	1	2	3	4	4	4	5	5	5	3	3	2	3	3	3	3
Weather,	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Barometer,	30.00	30.00	30.00	29.98	29.96	29.94	29.94	29.92	29.90	29.92	29.87	29.94	29.92	29.90	29.90	29.90	29.90	29.90	29.90	29.90	29.90
Temperature—Air,	84°	84°	83°	84°	82°	83°	84°	82°	82°	80°	80°	81°	80°	80°	81°	80°	[illegible]°	80°	80	80	82
" Water,																					

REMARKS FOR THE WEEK.

55 days

DATE, August	SUNDAY, 15th	MONDAY, 16th	TUESDAY, 17th	WEDNESDAY, 18th	THURSDAY, 19th	FRIDAY, 20th	SATURDAY, 21st
Latitude,	2° 19' N	0° 15' N	1° 41' S	4° 43' S	6° 22' S	8° 28' S	10° 39' S
Longitude,	26° 26' W	28° 12' W	28° 23' W	29° 48' W	30° 53' W	31° 45' W	32° 52' W
Course,	S 5 3/4 W	S 3 1/2 W	S 3/4 W	S 1 3/4 W	S 1 1/2 W	S 2 1/2 W	S 2 3/4 W Mag.
Distance,	142 Miles	165 Miles	116 Miles	159 Miles	134 Miles	147 Miles	148 Miles
Variation used,	15° W - V	15° W - V	15° W. V	12° W. V	12° W - V	12° W - V	12° W - V
Current,							1011 Miles

	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	S.W.	S.W.	S.W.	S.S.E.	S.S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.S.E.	S.S.E.	S.E.	S.E.	S.S.E.	S.S.E.	S.E.	S.S.E.	S.E.	S.E.
" Force,	4	4	4	4	4	4	4	4	3	3	4	4	4	5	5	6	7	6	6	6	4
Weather,	c	c	c	c	c	b	c	c	b	c	c	c	c	c	c	c	c	c	c	c	b
Barometer,	29.90	29.90	29.90	29.90	29.94	29.95	29.95	29.94	29.92	29.90	29.90	30.00	30.00	30.00	30.00	30.02	30.02	30.02	30.02	30.04	30.06
Temperature—Air,	79	79	80	78°	77°	78°	78°	78°	79°	79°	79°	80°	79°	78°	79°	79°	78°	79°	78°	78°	79°
" Water,																					

REMARKS FOR THE WEEK. 21st H. bark in Comp.y

62 days

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,		THURSDAY,			FRIDAY,			SATURDAY,		
August	22nd			23rd			24th			25th		26th			27th			28th		
Latitude,	15° 25' S			15° 26' S			18° 02 S			20° 40 S		22° 08 S			24° 12 S			26° 21 S		
Longitude,	34° 58' W			35° 22 W			36° 46 W			38° 44 W		39° 05 W			40° 19 W			42° 07 W		
Course,	S 4 3/4 W Mag			S 2 1/2 W Mag			S 3 1/4 W			S 3 1/2 W Mag		S 3 W Mag			S 3 W			S 3 1/4 W		
Distance,	186 Miles			145 Miles			176 Miles			171 Miles		110 Miles			143 Miles			162 Miles		
Variation used,	10° W - V			10° W - V			8° W - V			8° W. V		6° W - V			5° W - V			3° W - V		
Current,																		1093 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	S4E	S4E	S4E	S4E	S4E	S4E	S4E	S4E	S4E	S4E	S4E	S4E	SbE	SbE	NbE	NbE	NbE	NbE	NbE	NbW
" Force,	1	1	3	3	3	4	3	3	3	3	3	3	4	3	3	4	4	4	3	3
Weather,	F	F	b	c	c	c	c	c	c	b	b	b	b	b	b	c	b	c	c	a
Barometer,	30.02	30.04	30.04	30.06	30.06	30.10	30.10	30.10	30.10	30.10	30.10	30.10	30.06	30.02	30.12	30.12	30.05	30.05	30.05	30.08
Temperature—Air,	78°	77°	79°	78°	78°	78°	78°	77°	78°	78°	80°	80°	78°	76°	80°	78°	77°	79°	78°	76°	78°
" Water,																					

REMARKS FOR THE WEEK.

Out 69 days

DATE,	SUNDAY,	MONDAY,	TUESDAY,	WEDNESDAY,	THURSDAY,	FRIDAY,	SATURDAY,
	August 29th	30th	31st	Sept 1st	2nd	3rd	4th
Latitude,	27° 45' S	28° 49' S	30° 0' S	32° 01' S	33° 42 S	35° 36 S	36° 45' S
Longitude,	43° 25' W	44° 21' W	45° 45' W	44° 56' W	45° 15' W	47° 45' W	47° 41 W
Course,	S 3 3/4 W	S 3 3/4 W	S 3 1/2 W	S 2 1/4 E	S 1 W	S 2 1/4 W true	S 1/4 E
Distance,	111 Miles	81 Miles	106 Miles	122 Miles	105 Miles	110 Miles	68 Miles
Variation used,	0° — W	0 — W°	2° E — W	2° E W	3° E W	3° E — W	3° E W
Current,							

	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	NbE	N4E	North	Variable			from E. to NW.			NW	SW	SW	SW	SW	W	West	NW	NW	NW	NW	SW	SSW
„ Force,	4	3	3	3	2	2	2	3	4	4	6	6	6	5	3	4	6	7	8	7	9
Weather,	o	c	o	o	o	o	o	m	g	c	g	c	c	b	b	b	b	b	c	o	o
Barometer,	30.08	30.04	30.00	30.00	30.02	30.04	29.90	29.84	29.8	29.92	29.93	29.84	29.86	30.00	30.00	29.90	29.80	29.74	29.70	29.60	29.70
Temperature—Air,	78°	76°	78°	77°	76°	82°	78°	76°	76°	72°	70°	72°	70°	70°	72°	70	69°	71°	67	57	59°
„ Water,																					

REMARKS FOR THE WEEK.

7th day.

DATE,	SUNDAY,			MONDAY,			TUESDAY,		
September	5th			6th			7th		
Latitude,	36° 53′ S.			37° 00′ S.			38° 5′ S.		
Longitude,	48° 51′ W.			49° 17′ W.			49° 34′ W.		
Course,	N. 7 p. W.			S. 3 3/4 W.			S. 1 1/4 W.		
Distance,	58 Miles			33 Miles			65 Miles		
Variation used,	5° E. V.			5° E. V.			5° E. V.		
Current,									
	1	2	3	1	2	3	1	2	3
Wind—Direction,	S.W.	South	S.W.	S.W.	S.W.	S.S.W.	S. p. W.	S. p. W.	West
„ Force,	8	6	3	5	6	7	7	6	6
Weather,	c	a	b	c	g	g	g	g	g
Barometer,	29.80	30.00	30.22	30.25	30.24	30.26	30.22	30.16	30.12
Temperature—Air,	58°	52°	56°	54°	54°	60°	60°	58°	64°
„ Water,									

DATE,	WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
	8th			9th			10th			11th.		
Latitude,	39° 5′ S.			40° 29 S.			41° 30 S.			40° 1 S.		
Longitude,	51° 1 W.			53° 44 W.			53° 19 W.			52° 29 W.		
Course,	S. 4 1/4 W.			S. 5° W.			S. 1 3/4 W.			S. 2. E.		
Distance,	90 Miles			148 Miles			65 Miles			94 Miles		
Variation used,	7° E. V.			9° E. V.			10° E. V.			10° E. V.		
Current,										55 53 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	N.W.	N.W.	N.N.W.	N.W.	N.N.W.	N.N.W.	N.N.W.	N.W.	S. p. W.	S.W.	S.W.	S.S.W.
„ Force,	6	6	6	6	7	8	8	9	9	8	8	7
Weather,	c	b	b	c	g	g	g	g	g	g	g	g
Barometer,	30.08	30.0	29.94	29.78	29.68	29.56	29.50	29.42	29.40	29.54	29.68	29.70
Temperature—Air,	59°	58°	62°	60°	60°	59°	55°	51°	51°	50°	54°	54°
„ Water,												

REMARKS FOR THE WEEK.

10th Strong Gales & Squally Weather from S.W. to W.N.W.

11th Ditto Weather with Snow Squalls

DATE, September	SUNDAY, 12th	MONDAY, 13th	TUESDAY, 14th	WEDNESDAY, 15th	THURSDAY, 16th	FRIDAY, 17th	SATURDAY, 18th
Latitude,	40° 2 N	42° 20 S	42° 9 S	42° 56 S	44° 21 S	44° 29 S	45° 24 S
Longitude,	52° 28 W	53° 29 W	53° 13 W	56° 8 W	58° 8 W	59° 54 W	59° 14 W
Course,	S 4 W	N 4¼ W	N 3½ E	S 6¼ W	S 4 W	S 7½ W	S 1¼ E
Distance,	1 Mile	64 Miles	17 Miles	138 Miles	120 Miles	64 Miles	57 Miles
Variation used,	11° E. V	11° E – V	11° E – V	15° E. V	15° E – V	15° E. V.	15° E. V
Current,							461 Miles
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Wind—Direction,	S 4 W S 5 W S 2 W	S 3 W S 3 W S 6 W	S 7 W West S W	S at S 3 E S 4 E	S 5 E S 4 E S 2 E	S 2 E S 2 W S 3 W	S 2 W S 4 W N 6 W
" Force,	7 8 8	7 6 3	3 1 1	3 5 9	9 8 3	4 3 3	3 2 1
Weather,	C 4 C	9 10 10	6 6 6	C C C	C C 6	C C 0	0 0 0 6
Barometer,	29.74 30.00 30.14	30.28 30.40 30.42	30.38 30.32 30.28	30.26 30.20 30.26	30.26 30.20 30.32	30.30 30.22 30.24	30.22 30.20 30.18
Temperature—Air,	43° 42° 42°	44° 46° 48°	44° 46° 48°	48 49 49	44° 45° 49°	45° 45° 46°	42° 42° 48°
" Water,							

REMARKS FOR THE WEEK.

Sept. 18. Spoak Ship Armenia
from Baltimore
for San-Francisco
14 Days out.

DATE,	SUNDAY,	MONDAY,	TUESDAY,	WEDNESDAY,	THURSDAY,	FRIDAY,	SATURDAY,
September	19th	20th	21st	22nd	23rd	24th	25th
Latitude,	46° 09' S	47° 52' S	50° 0' S	52° 11' S	54° 00' S	55° 49' S	56° 49' S
Longitude,	60° 54' W	62° 38' W	64° 31' W	64° 54' W	63° 38' W	63° 14' W	64° 15' W
Course,	S 5¼ W	S 3¼ W	S 2¼ W	S ½ W	S 2 E	S ½ E	S 2½ W
Distance,	83 Miles	134 Miles	144 Miles	132 Miles	118 Miles	110 Miles	68 Miles
Variation used,	15° E – V	17° E – V	19° E W	19° E – V	20° E – V	20° E – V	22° E – V
Current,							789

	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	NNW	N4W	North	North	N4W	W by S	Calm	S4E	N3E	N38	North	SbE	NbE	N4W	N3W	N4W	NbW	NNW	West	West	West
" Force,	4	3	3	3	3	3	0	3	1	1	1	1	3	5	6	6	6	3	4	6	8
Weather,	b	b	b	b	b	b	o	b	~	o	o	f	f	o	b	c	o	m	g	c	E
Barometer,	30.18	30.19	30.20	30.16	30.12	30.08	30.04	30.00	29.96	29.90	29.70	29.60	29.55	29.50	29.46	29.40	29.36	29.40	29.38	29.32	29.28
Temperature—Air,	46°	46°	49°	46°	46°	50°	48°	48°	50°	48°	48°	50°	48°	48°	50°	48°	46°	46°	45°	42	42
" Water,																					

REMARKS FOR THE WEEK.

20th. h Ship in company

23rd " 11.h.P.M Cape St John bore S.2.W dist. about 14 Miles. (88 Days from Cardiff

9 7 days.

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
September	26th			27th			28th			29th			30th			October 1st			2nd		
Latitude,	57° 39' S			57° 49' S			58° 13' S			57° 46' S			57° 39' S			57° 2' S			56° 22' S		
Longitude,	64° 39' W			64° 32' W			65° 00' W			64° 48' W			64° 14' W			63° 30' W			62° 51' W		
Course,	S 2 W			N 1 E			S 2½ W			N 2 E			S ½ E			N 2 E			N 2½ E		
Distance,	70 Miles			14 Miles			31 Miles			60 Miles			24 Miles			43 Miles			44 Miles		
Variation used,	22° E. V.			22° E - V.			22° E V			22° E. V.			22° E - V-			22° E - V			22° E - V-		
Current,	1½ K			1½ K N4E			1 K N6E														
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	West	West	West	South	N4W	N6W	N4W	N4W	West	West	West	West	N6W	N6W	S4W	S6W	S6W	S6W	S6W	S4W	S4W
„ Force,	10	10	10	9	7	6	8	10	7	8	7	9	9	10	10	10	11	11	11	11	11
Weather,	C	P	C	C	C	O	R	R	C	C	R	C	C	C	C	C	C	C	C	R	R
Barometer,	29.20	29.20	29.18	29.10	29.10	29.08	29.10	29.18	29.10	29.12	29.18	29.08	28.90	28.78	28.84	28.82	28.76	28.74	28.70	28.64	28.80
Temperature—Air,	44°	43°	42°	40°	42°	43°	42°	40°	45°	44°	42°	44°	44°	46°	42°	42°	40°	43°	42°	39°	38
„ Water,																					

27th Ship in Company — REMARKS FOR THE WEEK.

30th & 1st Bibt Heavy westerly Gales. two Lower Top Sails & Spencers

2nd Heavy Gales with high Sea Ship rooling deep (two Lower top Sail)

Out 104 Days

DATE, October	SUNDAY, 3rd	MONDAY, 4th	TUESDAY, 5th	WEDNESDAY, 6th	THURSDAY, 7th.	FRIDAY, 8th.	SATURDAY, 9th.
Latitude,	56° 1′ S	56° 39′ S	55° 39′ S	56° 16′ S	57° 12′ S	57° 51′ S	57° 17′ S
Longitude,	62° 44′ W	62° 12′ W	61° 49′ W	63° 30′ W	64° 00′ W	64° 5′ W	63° 57′ W
Course,	N. 4. E	S 3/4 E	N 1/2 E	S 5/2 W	S 1/2 W	S 1/2 W	N 4 E
Distance,	6 Miles	27 Miles	60 Miles	66 Miles	59 Miles	20 Miles	20 Miles
Variation used,	22° E. W.	22° E. W	21° E. W	21° E - W	21° E - W	21° E - W	21 E. W
Current,							1 1/2 K. N 6 E

	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	S 4 W	West	N by W	N by W	West	S S W	S by W	South	South	Var N 2 E	S by W	S by W	West	S by W	West	N W	N W	S 4 W	West	N.W.	N by W			
" Force,	11	8	8	9	11	12	12	10	5	4	4	5	8	10	10	8	9	6	5	4	4			
Weather,	q	q	p	c	u	u	s	s	c	c	c	f	f	m	m	m	m	m	m	m	c			
Barometer,	28 45	29 20	28 90	28 60	28 56	28 68	28 56	29 40	29 90	29 94	30 00	29 90	29 75	29 60	29 40	29 10	29 20	29 18	29 18	29 20	29 86			
Temperature—Air,	35°	38°	44°	44°	40°	39°	28°	28°	30°	28°	29°	38°	40°	42°	43°	42°	40°	48°	44°	42°	43°			
" Water,																								

REMARKS FOR THE WEEK.

4th. Very heavy Gales from S.W to S.S.W Split the two Lower top Sails. Noon the Ship under bare poles. Blowing very heavy with heavy Sea. Ship rooling deep —

8th. A Ship in Company —

9th. A Bark in Company the Eurydice of London from Swansea

118 days

DATE, October	SUNDAY, 17th			MONDAY, 18th			TUESDAY, 19th			WEDNESDAY, 20th			THURSDAY, 21st.			FRIDAY, 22nd			SATURDAY, 23rd		
Latitude,	5h. 38' S			5 5. 48 S			4 4. 22 S			53° 08 S			5 2. 20 S			5 2. 05 S			5 2. 03 S		
Longitude,	80° 13 W			82° 4' W			84. 16 W			84. 16 W			84. 44 W			87. 20 W			86. 00 W		
Course,	N 4 3/4 W			N. 5. W.			N 3/4 W			North			N 1 3/4 W			N 7 W			N 7 3/4 E		
Distance,	82 Miles			75 Miles			120 Miles			74 Miles			51 Miles			100 Miles			50 Miles		
Variation used,	23° E. V.			23° E. V.			23° E. V.			23° E. V.			22° E. V.			22° E. V.			22° E. V.		
Current,																			4 52 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	S 2 W	N 2 E	North	North	Var.	South	S 4 W	S 3 W	S 2 W	W	West	N 3 W	N 3 W	N 1 W	N 1 W	N 1 W	North	N 1 W	S 2 W	West	N by W
„ Force,	3	2	6	6	1	1	2	3	4	3	3	3	3	3	3	6	8	8	8	9	4
Weather,	c	o	o	o	f	f	c	o	c	c	c	c	c	o	o	o	H	c	c	c	f
Barometer,	29.50	29.44	29.52	29.80	29.89	29.70	29.64	29.60	29.62	30 29.80	29.90	29.90	29.90	29.90	29.90	29.80	29.60	29.44	29.40	29.36	29.30
Temperature—Air,	43°	40°	43°	42°	46°	48°	48°	44°	43°	46	46	48	48°	48°	48°	48°	48°	48°	48°	48°	44°
„ Water,																					

REMARKS FOR THE WEEK.

17th. A Bark in Comp.y

18th A Ship & two Barks in Comp.y

20th 2 Barks & a Ship in comp.y

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
October	24th			25th			26th			27th			28th			29th			30th		
Latitude,	50° 42 S			49° 30 S			48° 22 S			47° 21 S			46° 12 S			43° 52 S			42° 13 S		
Longitude,	86° 00 W			85° 13 W			83° 52 W			82° 53 W			83° 59 W			84° 42 W			85° 18 W		
Course,	North			N 2 E			N 3 1/2 E			N 2 3/4 E			N 3 W			N. 1. W.			N 1. W		
Distance,	77 Miles			80 Miles			83 Miles			80 Miles			83 Miles			144 Miles			107 Miles		
Variation used,	22° E. V			22° E. V			22° E. V			22° E V			20° E V			20° E V			18° E. V.		
Current,																			65 4 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	NbW	West	West	West	West	NbW	NbW	NbW	NW	W	NbW	West	West	SbW	SbW	SbW	West	West	West	SbW	West
„ Force,	5	6	7	7	6	7	7	8	8	8	8	7	4	4	3	4	4	3	3	2	3
Weather,	o	c	c	c	f	R.	o	o	o	o	c	c	c	o	o	o	c	o	o	o	o
Barometer,	29.36	29.68	29.78	29.76	29.74	29.72	29.64	29.50	29.4	29.40	29.50	29.64	29.70	29.86	30.08	30.18	30.22	30.26	30.32	30.44	30.49
Temperature—Air,	48°	48°	44°	46°	48°	48°	48°	50°	50°	50°	48°	48°	50°	52°	54°	52°	50°	54°	56°	50°	60°
„ Water,																					

REMARKS FOR THE WEEK.

25th Crossed the Lat. 50° in the Pacific 85° 35' W
Was 47 days from 50° to 50°.

N. Bank in Comp.y the 28th—

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
October	31st			Novr 1st.			2nd			3rd.			4th.			5th.			6th.		
Latitude,	40° 29′ S			38° 9′ S			37° 3′ S			36° 31′ S			33° 31′ S			34° 24′ S			31° 56′ S		
Longitude,	86° 2′ W			87° 57′ W			89° 3′ W			89° 6′ W			89° 05′ W			88° 57′ W			88° 6′ W		
Course,	N 1/2 W			N 3/4 W			N 3/4 W			N by W			North			N 1/2 E			N 1/2 E		
Distance,	100 Miles			155 Miles			86 Miles			32 Miles			60 Miles			70 Miles			158 Miles		
Variation used,	18° E. V			18° E - V -			18° E - V -			18° E. V			16° E - V -			16° E - V -			16° E. V		
Current,																			6 61 Mile		
	1	2	3	1	2	3	1	2	3	2	3		1	2	3	1	2	3	1	2	3
Wind—Direction,	West	S 4 W	S 6 W	S 6 W	S 4 W	S 5 W	S 4 W	S 4 W	S W	Var.	N 2 W		N 4 W	N 4 W	N 4 W	N 4 W	N 4 W	N 5 W	N 5 W	N 6 W	West
" Force,	3	2	3	3	4	3	3	2	1	1	1	2	2	3	3	3	3	4	4	5	4
Weather,	c	c	h	h	h	h	h	h	h	h	h	o	o	o	h	c	o	o	o	o	o
Barometer,	30.49	30.48	30.48	30.40	30.47	30.46	30.40	30.40	30.40	30.30	30.26		30.22	30.20	30.16	30.14	30.12	30.10	30.10	30.08	30.12
Temperature—Air,	58°	58°	58°	58°	58°	60°	60°	62°	68°	65°	68°	69°	70°	72°	74°	70°	66°	66°	66°	66°	68°
" Water,																					

REMARKS FOR THE WEEK.

31st. 4 Ships & a Bark in Compy.

Novr 1st 4 Ship in Compy.

2nd 4 Ship & two Barks in Compy.

3rd. 4 Ship & a Bark in Compy.

4th. 4 Ships in Compy.

Out. 139 days

DATE, November	SUNDAY, 7th			MONDAY, 8th			TUESDAY, 9th			WEDNESDAY, 10th			THURSDAY, 11th			FRIDAY, 12th			SATURDAY, 13th		
Latitude,	29°. 46' S			28°. 25' S			27°. 19' S			25°. 20' S			23° 16' S			20° 55' S			18°. 50' S		
Longitude,	89°. 14' W			90°. 23' W			91°. 31' W			93°. 58' W			95°. 43' W			97° 36' W			99°. 20' W		
Course,	N 2¼ W			N 3¾ W			N 3 W			N 4½ W			N 3½ W			N 3½ W			N 3½ W		
Distance,	140 Miles			110 Miles			85 Miles			176 Miles			170 Miles			162 Miles			160 Miles		
Variation used,	13° E - V			13° E - V			13° E. V			10° E. V			10° E - V			10° E. V			8° E. V		
Current,																			1005 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSW	S	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE
" Force,	3	3	3	2	3	2	2	2	3	4	4	4	4	3	4	4	4	3	3	2	3
Weather,	c	c	m	m	m	c	c	c	c	c	c	b	c	r	c	c	b	b	c	c	b
Barometer,	30.10	30.12	30.13	30.11	30.11	30.10	30.10	30.12	30.13	30.14	30.16	30.18	30.18	30.18	30.18	30.16	30.14	30.13	30.13	30.12	30.10
Temperature—Air,	68°	68°	70°	70°	68°	72°	70°	68°	70°	69°	68°	74°	72°	72°	74°	76°	76°	82°	80°	76°	84°
" Water,																					

REMARKS FOR THE WEEK.

9th Took the S. E. Trades. Moderate & fine Weather

DATE, November	SUNDAY, 14th			MONDAY, 15th			TUESDAY, 16th		
Latitude,	16° 27' S			14° 30' S			12° 15' S		
Longitude,	101° 04' W			102° 04' W			103° 22' W		
Course,	N 3 W			N 2 1/2 W			N 2 3/4 W		
Distance,	170 Miles			138 Miles			153 Miles		
Variation used,	8° E - V			8° E - V			8° E - V		
Current,									
	1	2	3	1	2	3	1	2	3
Wind—Direction,	N 4 E	N 3 E	N b E	N b E	N b E	N b E	East	East	N 3 E
" Force,	3	4	4	3	3	3	3	4	4
Weather,	c	c	c	c	h	h	c	c	h
Barometer,	30.08	30.08	30.10	30.10	30.11	30.12	30.10	30.06	30.04
Temperature—Air,	80°	79°	82°	80°	76°	84°	82°	80°	82°
" Water,									

WEDNESDAY, 17th			THURSDAY, 18th			FRIDAY, 19th			SATURDAY, 20th		
9° 48' S			7° 01' S			5° 13' S			4° 17' S		
104° 56' W			106° 20' W			107° 50' W			109° 36' W		
N 2 3/4 W			N 2 1/4 W			N. 3 1/2 W			N 3 1/2 W		
176 Miles			185 Miles			142 Miles			123 Miles		
6° E. V			6° E. V			6° E - V			6° E - V		
									1087 Miles		
1	2	3	1	2	3	1	2	3	1	2	3
N 5 E	N 5 E	N b E	N b E	N b E	N b E	East	East	East	East	S b E	S b E
4	5	5	5	5	4	3	3	3	3	3	2
h	c	c	c	c	h	h	h	h	h	h	h
30.04	30.02	30.00	30.04	30.04	30.06	30.06	30.06	30.06	30.06	30.04	30.00
82°	80°	80°	80°	80°	84°	82°	82°	84°	83°	82°	86°

14th At Bark in Sight —

REMARKS FOR THE WEEK.

Out 53 days.

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
1 November	21st.			22nd			23rd			24th.			25th			26th			27th.		
L Latitude,	3° 29 S.			2° 14 S			00° 45 S			1° 10 N			3° 19 N.			5° 28 N			7° 17 N		
L Longitude,	111° 26 W			112° 41 W			113° 53 W			115° 2 W			116° 32 W			117° 56 W			118° 31 W		
C Course,	N 5° 3/4 W			N 4 1/4 W			N 4 W			N 2 3/4 W			N 3 W			N 2 1/4 W			N 2 1/4 W		
D Distance,	120 Miles			110 Miles			110 Miles			142 Miles			157 Miles			148 Miles			122 Miles		
V Variation used,	6° E - V			6° E - V			6° E - V			6° E - V			5° E. V.			5° E - V			6° E. V		
C Current,	1/2 K - W			1/2 K. W																9 1/2 Miles		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
W Wind—Direction,	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
„ Force,	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2
W Weather,	h	h	h	h	h	h	h	c	c	c	c	c	c	c	c	c	c	c	c	c	c
B Barometer,	29.98	29.97	29.96	29.96	29.96	29.99	29.97	29.96	29.92	29.90	29.81	29.80	29.90	29.90	29.90	29.91	29.90	29.90	29.88	29.88	29.86
T Temperature—Air,	80°	76	82	80°	78	85°	82	78	82	80°	79	86	82°	80	82	82°	80	84°	82°	82°	84
„ Water,																					

REMARKS FOR THE WEEK.

DATE,	SUNDAY,	MONDAY,	TUESDAY,	WEDNESDAY,	THURSDAY,	FRIDAY,	SATURDAY,
November	28th	29th	30th	Dec.r 1st	2nd	3rd	4th.
Latitude,	8°. 36 N	9°. 36. N	10°. 30 N	11°. 41 N	11°. 54 N	12°. 48 N	13°. 00 N
Longitude,	119°. 28 W	118°. 27 W	118°. 30 W	118°. 30 W	119°. 8' W	120°. 5' W	122°. 34 W
Course,	N 3° W	N 43° E	N. #1/2 W	North	N 4 W	N 3 3/4 W	N 3 1/2 W
Distance,	34 Miles	82 Miles	75 Miles	49 Miles	20 Miles	80 Miles	173 Miles
Variation used,	6° E. V—	6° E - V	6° E — V	6° E V	6° E - V	6° E — V	8° E. V.
Current,							5' 75' Mile
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Wind—Direction,	S 4 E S 2 E S 2 W	W. Variable	Variable	Variable	Calm & Var.e	Calm N 2 W N 2 E	N 2 E N 2 E N 1 E
" Force,	2 1 2	2 1 1	1 2 1	1 1 2	0 1 1	0 2 3	4 5 6
Weather,	c c h	c r r	r r r	r g c	c r h	c c g	g g g
Barometer,	29.80 29.82 29.86	29.86 29.87 29.88	29.89 29.90 29	29.92 29.82 29.84	29.98 30.00 30.00	30.00 30.00 30.00	30.00 30.00 30.00
Temperature—Air,	82° 84° 84°	86° 80° 82°	80° 78° 78°	79° 80° 87°	84° 86° 87°	87° 86° 87°	85° 83° 84°
" Water,							

REMARKS FOR THE WEEK.

28th Lost the S.E Trade

4th. Took the N.E. Trade

DATE, December	SUNDAY, 5th	MONDAY, 6th	TUESDAY, 7th	WEDNESDAY, 8th	THURSDAY, 9th	FRIDAY, 10th	SATURDAY, 11th.
Latitude,	17° 38 N	20° 36 N	22° 46 N	24° 08 N	25° 03 N	27° 0 N	28° 31 N
Longitude,	125° 54 W	125° 23 W	126° 29 W	127° 16 W	127° 43 W	128° 52 W	130° 31 W
Course,	N 3° W.	N 2¼ W	N 2¼ W	N 2¼ W	N 2¼ W	N 2¼ W	N 4 W
Distance,	190 Miles	194 Miles	140 Miles	90 Miles	57 Miles	134 Miles	125 Miles
Variation used,	8° E. V.	8° E. V.	8° E. V.	8° E. V.	8° E. V	10° E. V	11° E. V
Current,							90 Miles
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Wind—Direction,	N 2 E N 3 E N 3 E	N 3 E N 3 E N E	N 3 E N 3 E N 4 E	N E N E Var.	Variable N 3 E	N 2 E N 4 E N E	N E N 2 E N E
„ Force,	5 5 5	5 6 6	5 5 4	3 3 1	1 1 1	2 3 3	3 2 3
Weather,	c c c	c c c	c c o	o c o	o c b	c o o	o o o
Barometer,	30.02 30.02 30.02	30.08 30.08 30.08	30.08 30.06 30.06	30.18 30.12 30.10	30.18 30.20 30.20	30.26 30.30 30.34	30.32 30.30 30.28
Temperature—Air,	76° 75° 76°	74° 72° 72°	71° 70° 70°	70° 69° 69°	69° 68° 74°	70° 68° 69°	68° 63° 63°
„ Water,							

REMARKS FOR THE WEEK.

8th. Lost the N. E. Trades

Oct 1 74 days.

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
1 December	12th			13th.			14th			15th			16th			17th			18th-		
Latitude,	29°. 52 N			30°. 41 N			33°. 24 N			34°. 55 N			35°. 53 N			36°. 37 N					
Longitude,	132°. 21 W			133°. 34 W			132° 44 W			130°. 37 W			128°. 40 W			126°. 3 W					
Course,	N 4 1/2 W			N 4 1/2 W			N 1 1/3 E			N 4 1/2 E			N 5 1/2 E			N 6 1/4 E					
Distance,	128 Miles			75 Miles			168 Miles			140 Miles			113 Miles			136 Miles					
Variation used,	12° E. - V -			12° E. V			14° E - V -			14° E V.			14° E V			15° E. - V -					
Current,																					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,	N 2 E	N I E	N I E	N I E	N I E	0	West-	West-	West-	Var	S W	N 2 W	Calm	S E	S 4 W	S 4 W	West	N 4 W			
„ Force,	3	3	2	2	1	0	3	5	6	7	8	5	0	4	5	7	9	8			
Weather,	0	C	0	0	0	0	0	0	0	0	7	C	C	C	C -	C	C	C			
Barometer,	30 50	30 28	30. 20	30. 20	30 18	30 16	30. 20	29. 90	29 80	29 78	29 70	29 80	29. 80	29 60	29 48	29. 42	29 30	29 72			
Temperature—Air,	68°	66	66	66	67	70	68	68	68	66	62°	63	60°	60°	64	60°	60°	58°			
„ Water,																					

REMARKS FOR THE WEEK

16th. Variable winds with heavy Squalls and rain -

18th- 8 A M. Made the Farallones Island bearing about North Distant about 12 Miles Wind S. E. Fresh breeze & Clear Weather -

DATE,	SUNDAY,			MONDAY,			TUESDAY,			WEDNESDAY,			THURSDAY,			FRIDAY,			SATURDAY,		
Latitude,																					
Longitude,																					
Course,																					
Distance,																					
Variation used,																					
Current,																					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,																					
„ Force,																					
Weather,																					
Barometer,																					
Temperature—Air,																					
„ Water,																					

REMARKS FOR THE WEEK.

DATE, ...	SUNDAY, ...			MONDAY, ...			TUESDAY, ...			WEDNESDAY, ...			THURSDAY, ...			FRIDAY, ...			SATURDAY, ...		
Latitude,																					
Longitude,																					
Course,																					
Distance,																					
Variation used,																					
Current,																					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,																					
„ Force,																					
Weather,																					
Barometer,																					
Temperature—Air,																					
„ Water,																					

REMARKS FOR THE WEEK.

DATE, ...	SUNDAY, ...			MONDAY, ...			TUESDAY, ...			WEDNESDAY, ...			THURSDAY, ...			FRIDAY, ...			SATURDAY, ...		
Latitude,																					
Longitude,																					
Course,																					
Distance,																					
Variation used,																					
Current,																					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Wind—Direction,																					
„ Force,																					
Weather,																					
Barometer,																					
Temperature—Air,																					
„ Water,																					

REMARKS FOR THE WEEK.

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